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INTERFERENCE MEASUREMENT AND EVALUATION SYSTEMABSTRACT OF THE DISCLOSURE

An interference measurement and evaluation system for accurately estimating an interference characteristic of a receiving side including nonlinear interference for a wireless communication system, having a transmission signal for wireless communication and an interference signal between a transmitting means and receiving means, provided with a nonlinear interfering means for giving an interference signal having a level unable to be neglected compared with the level of the modulated carrier transmitted from the transmitting means, and provided with an interference characteristic estimating means for estimating an interference characteristic including a nonlinear interference characteristic possessed by a receiving means in accordance with a received signal level and a received level when a nonlinear interference theoretical curve given in relation with the line quality satisfies a predetermined line quality.